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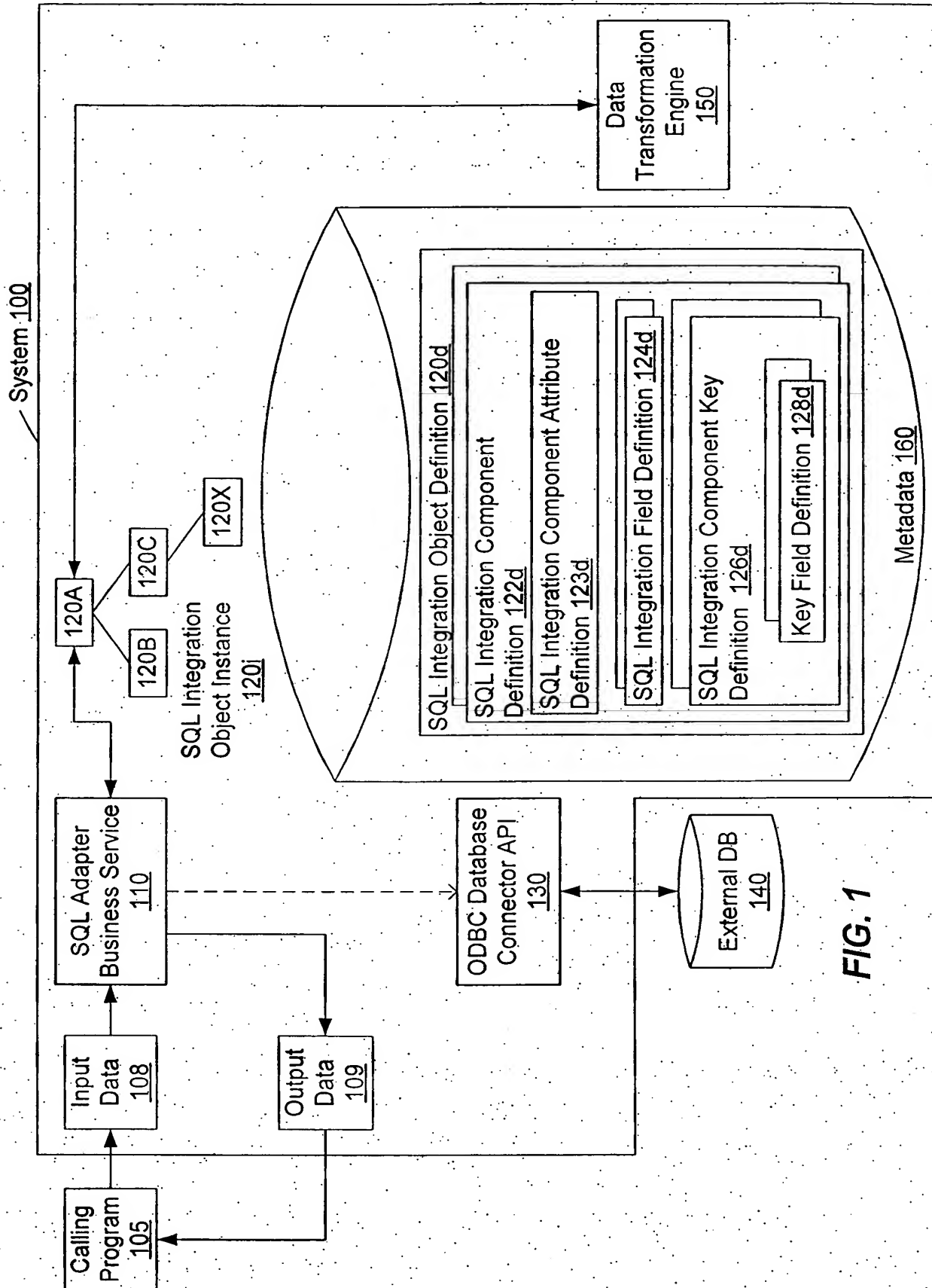


FIG. 1

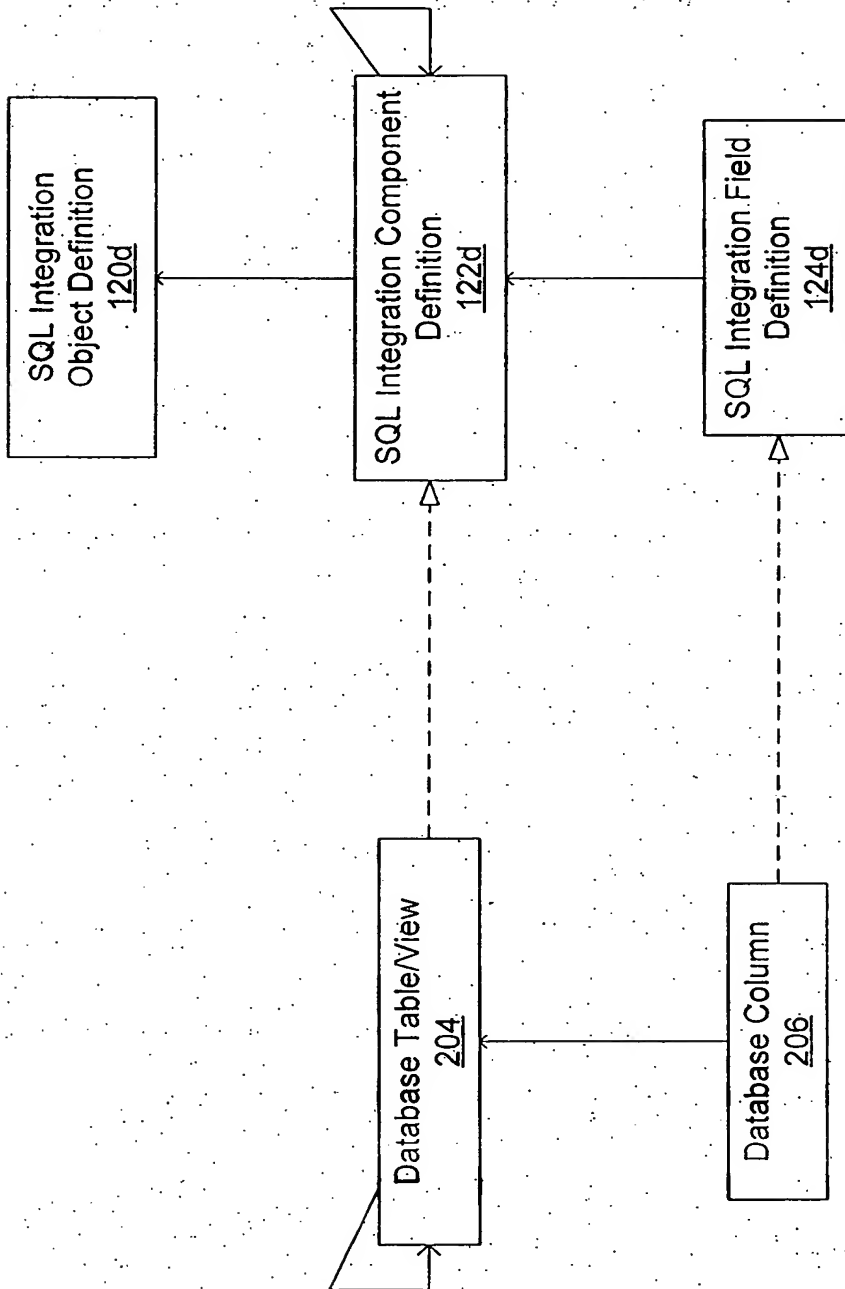


FIG. 2

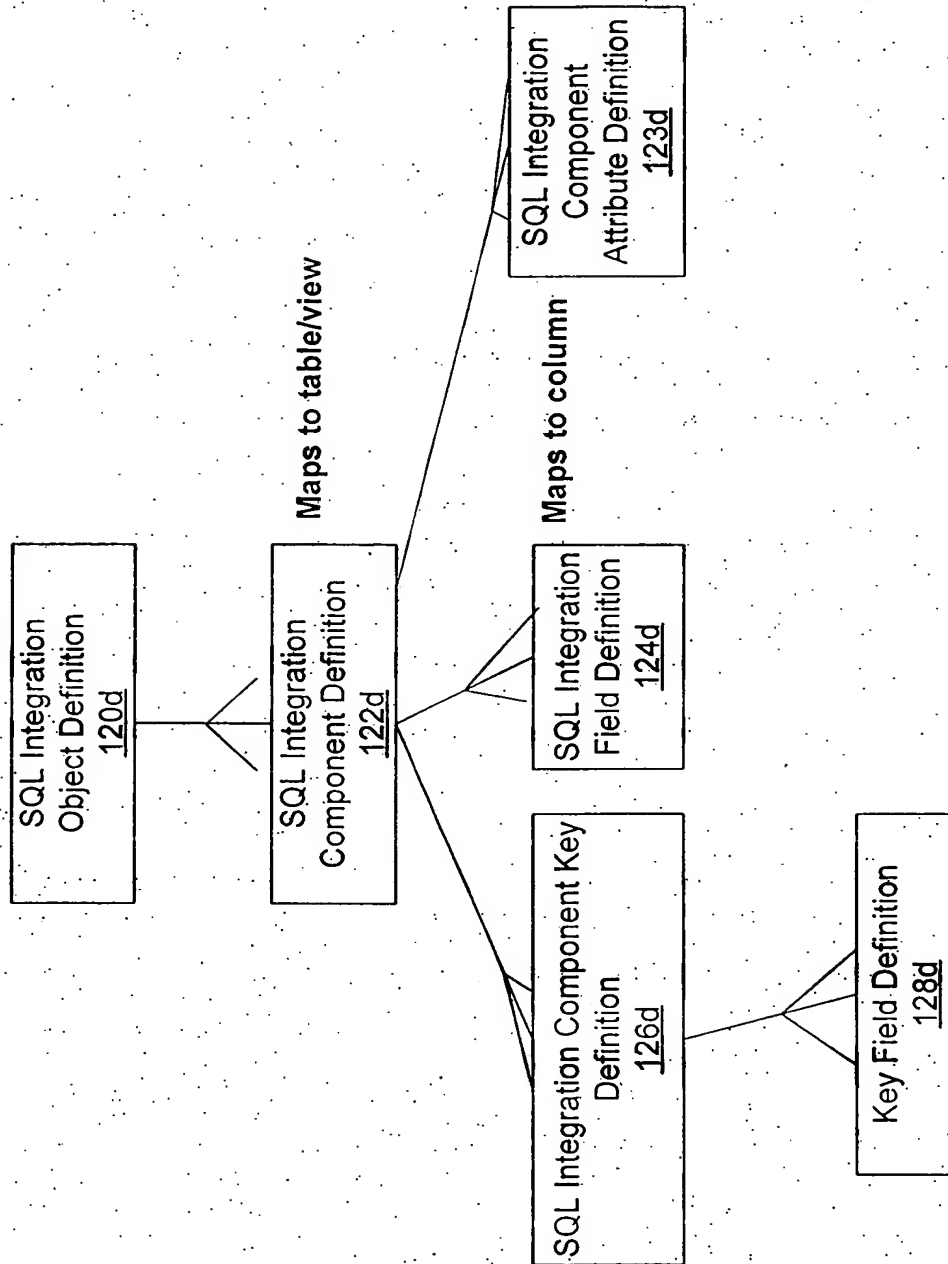


FIG. 3

SQL Integration Object Definition

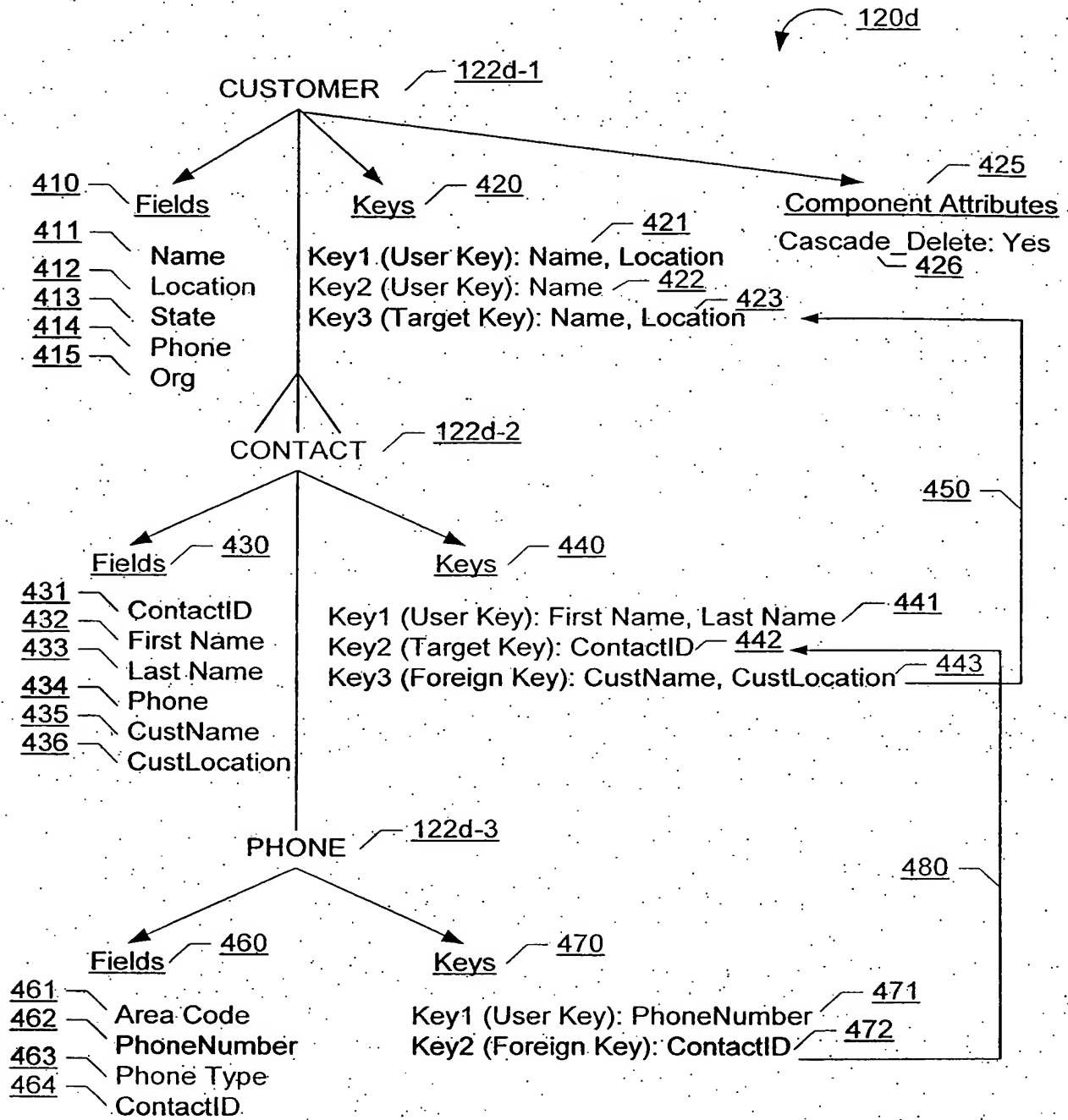


FIG. 4

SQL Integration Object Instance

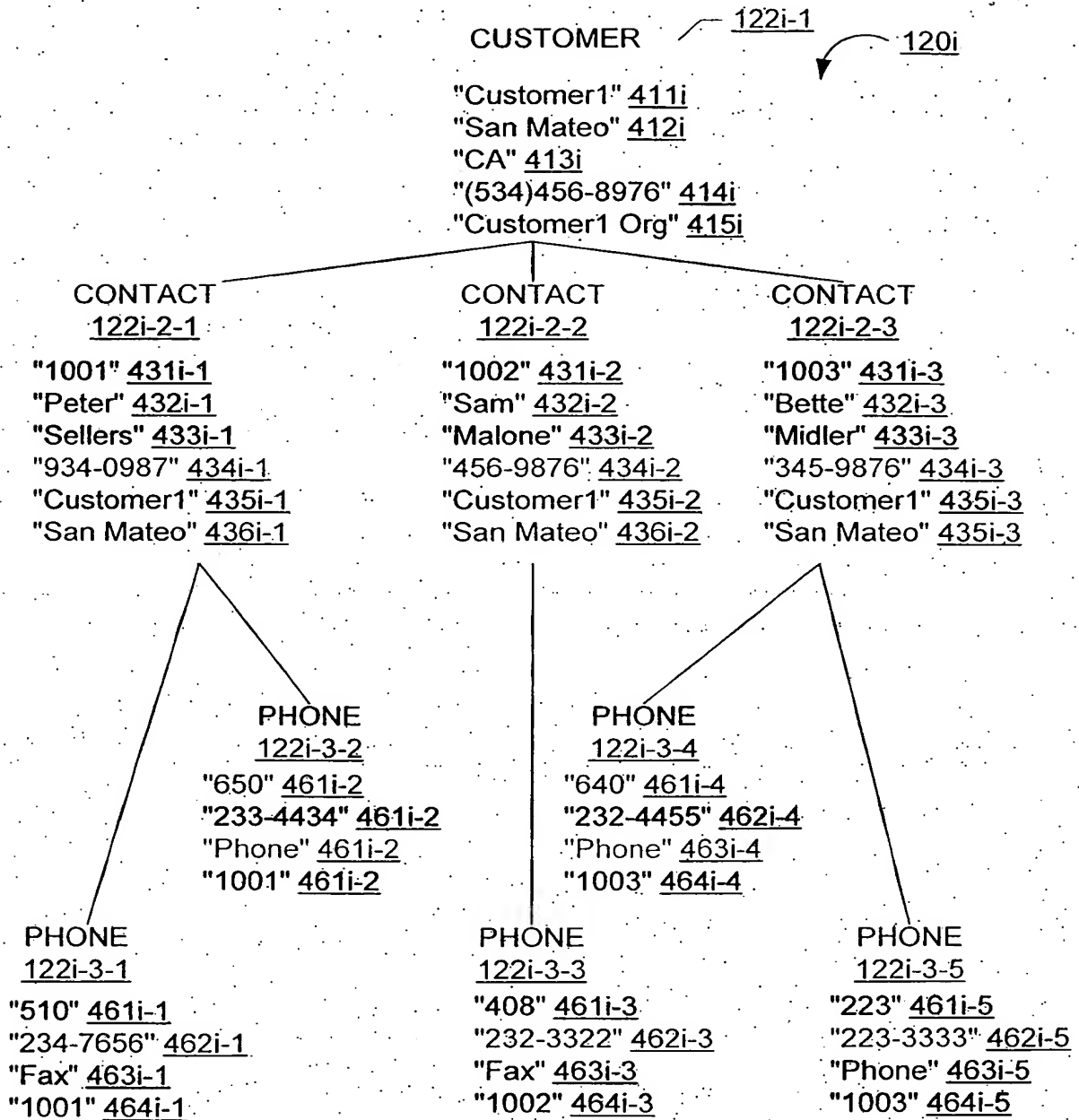


FIG. 5

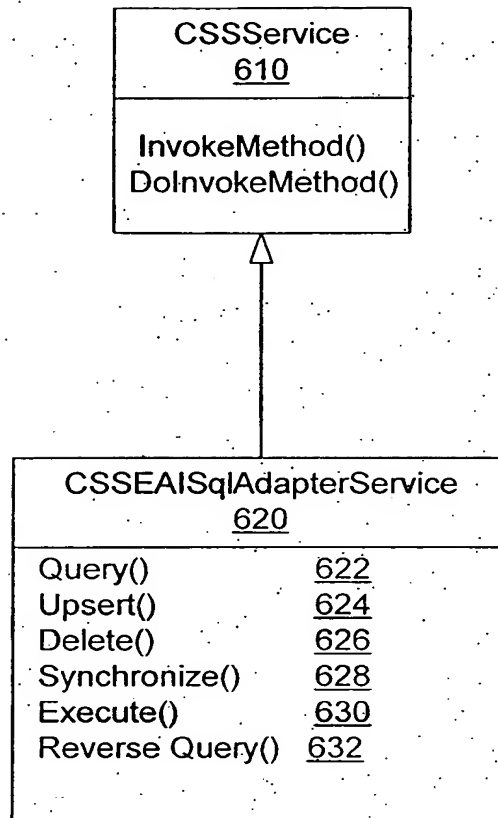
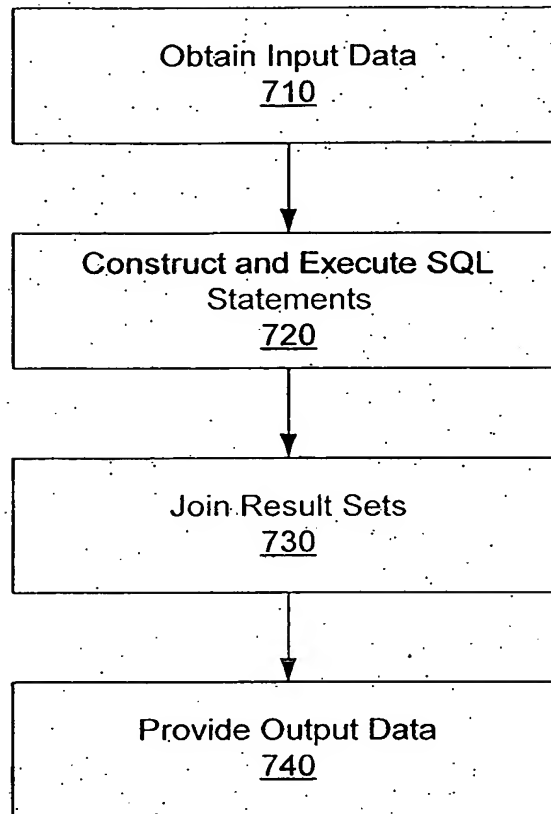
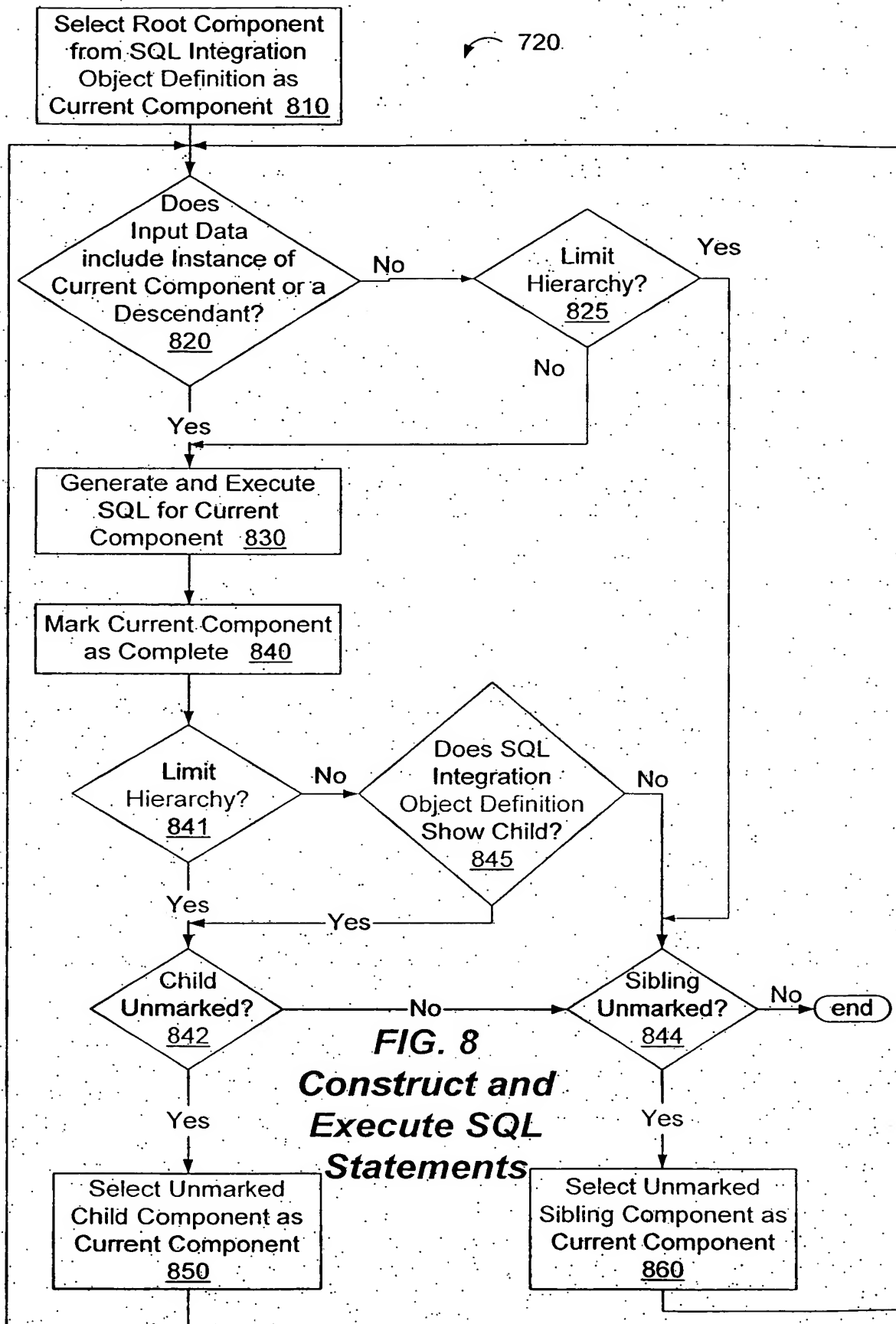
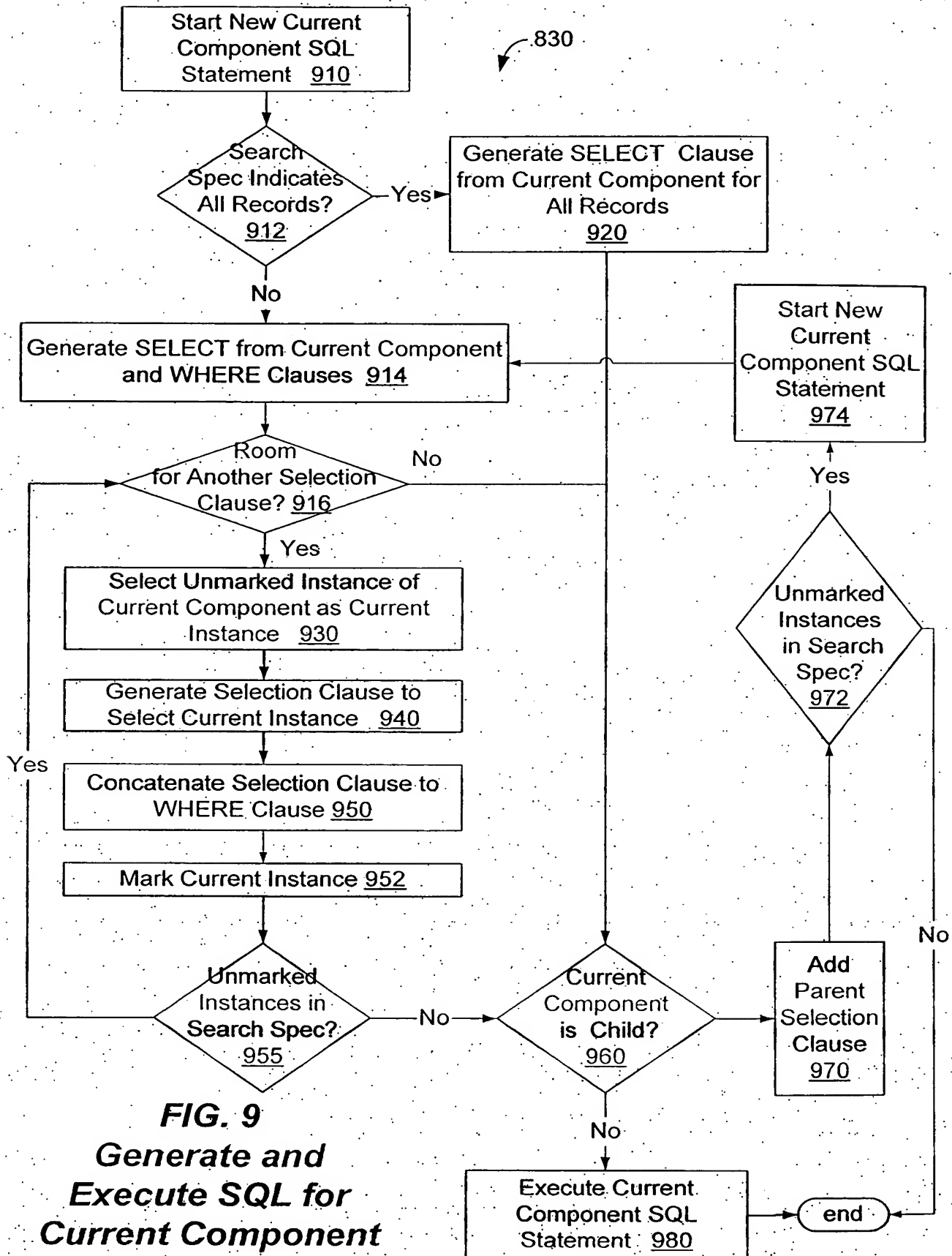


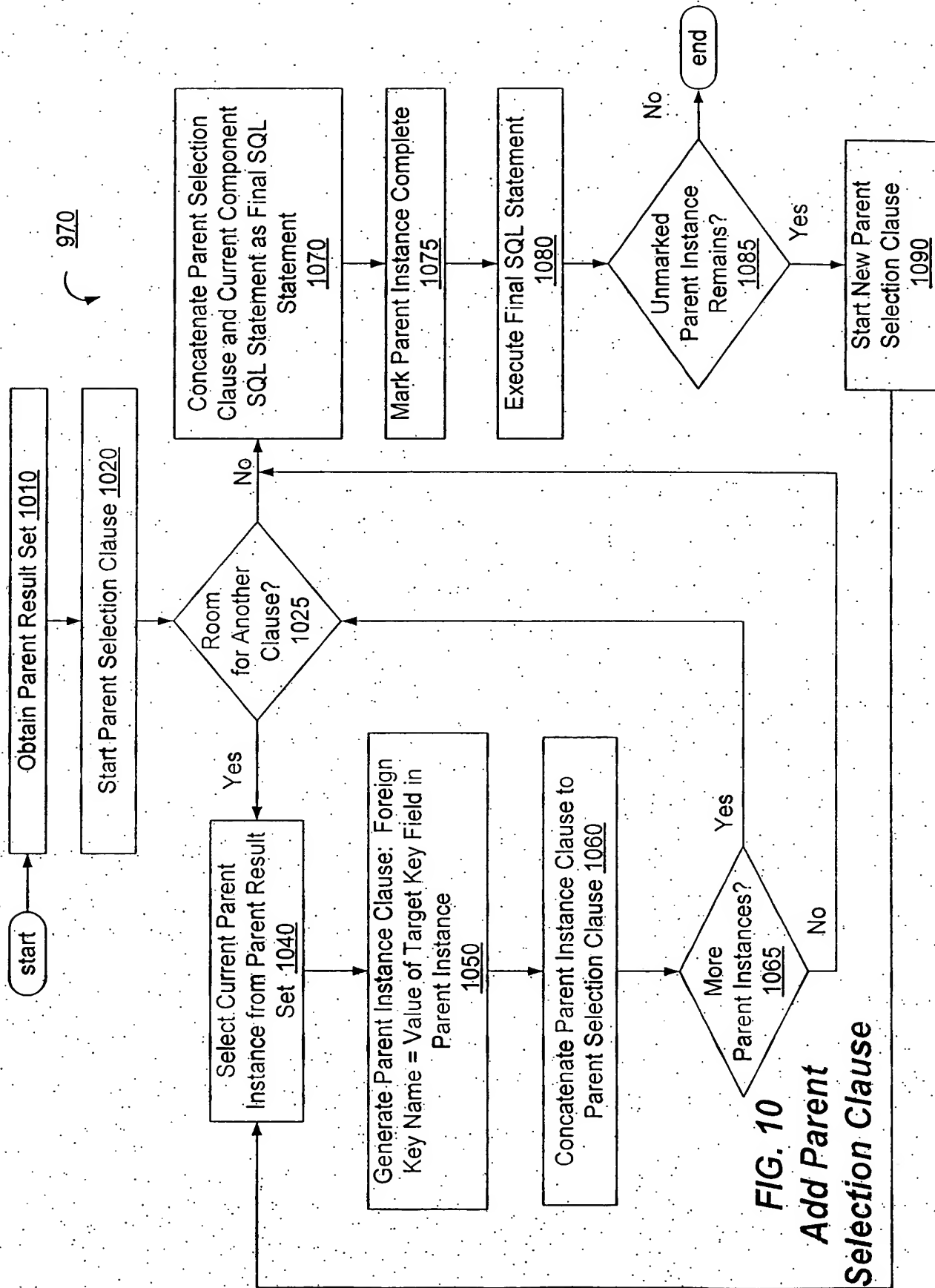
FIG. 6

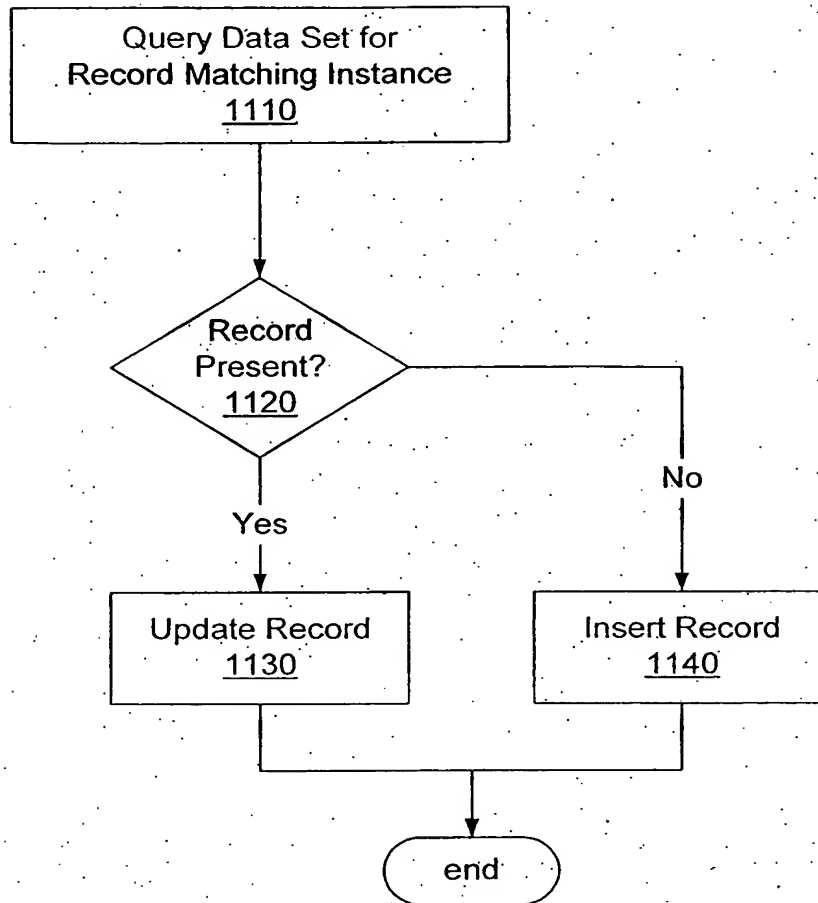


Query
FIG. 7









Upsert Record
FIG. 11

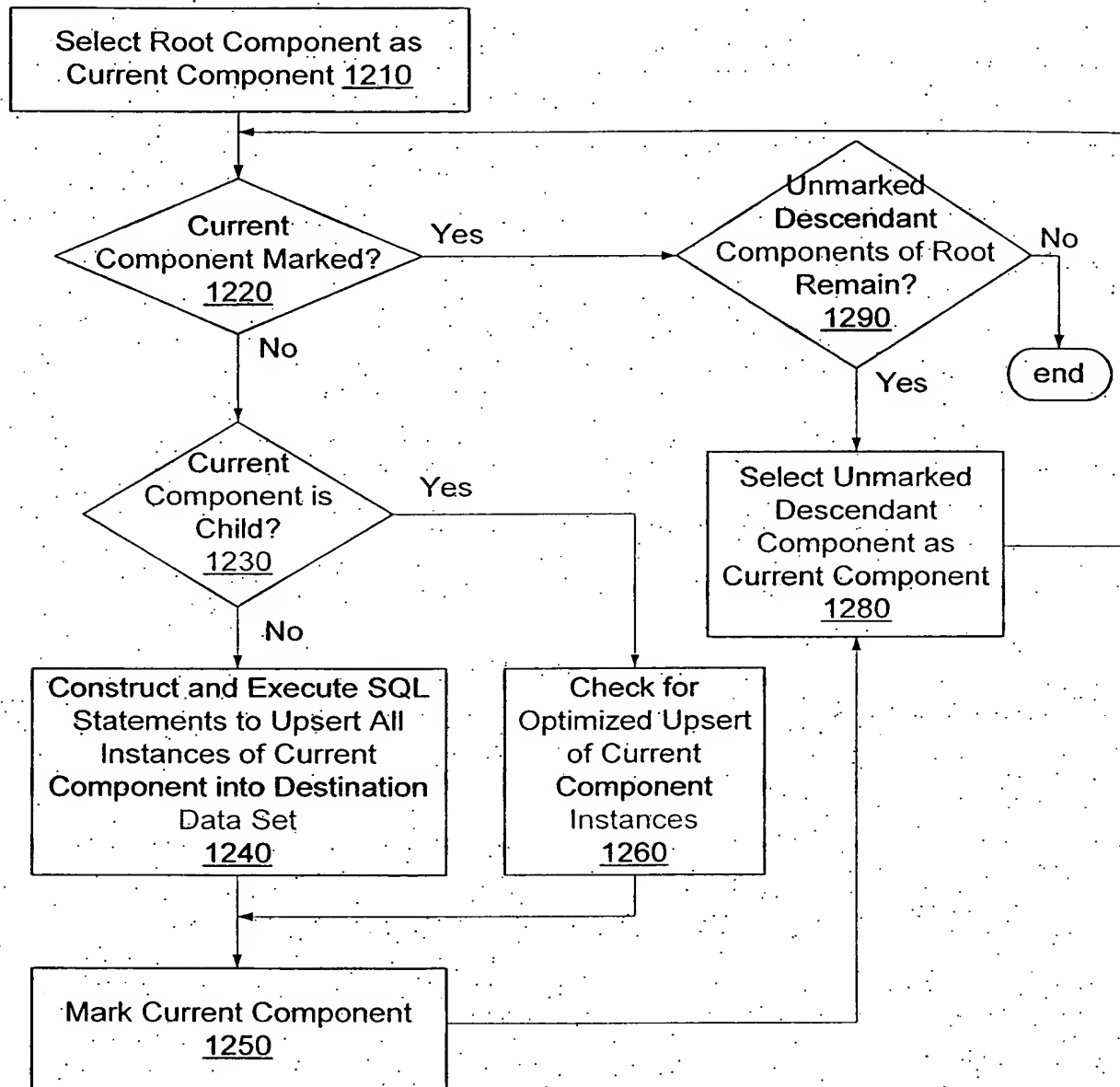


FIG. 12
Upsert Data Set

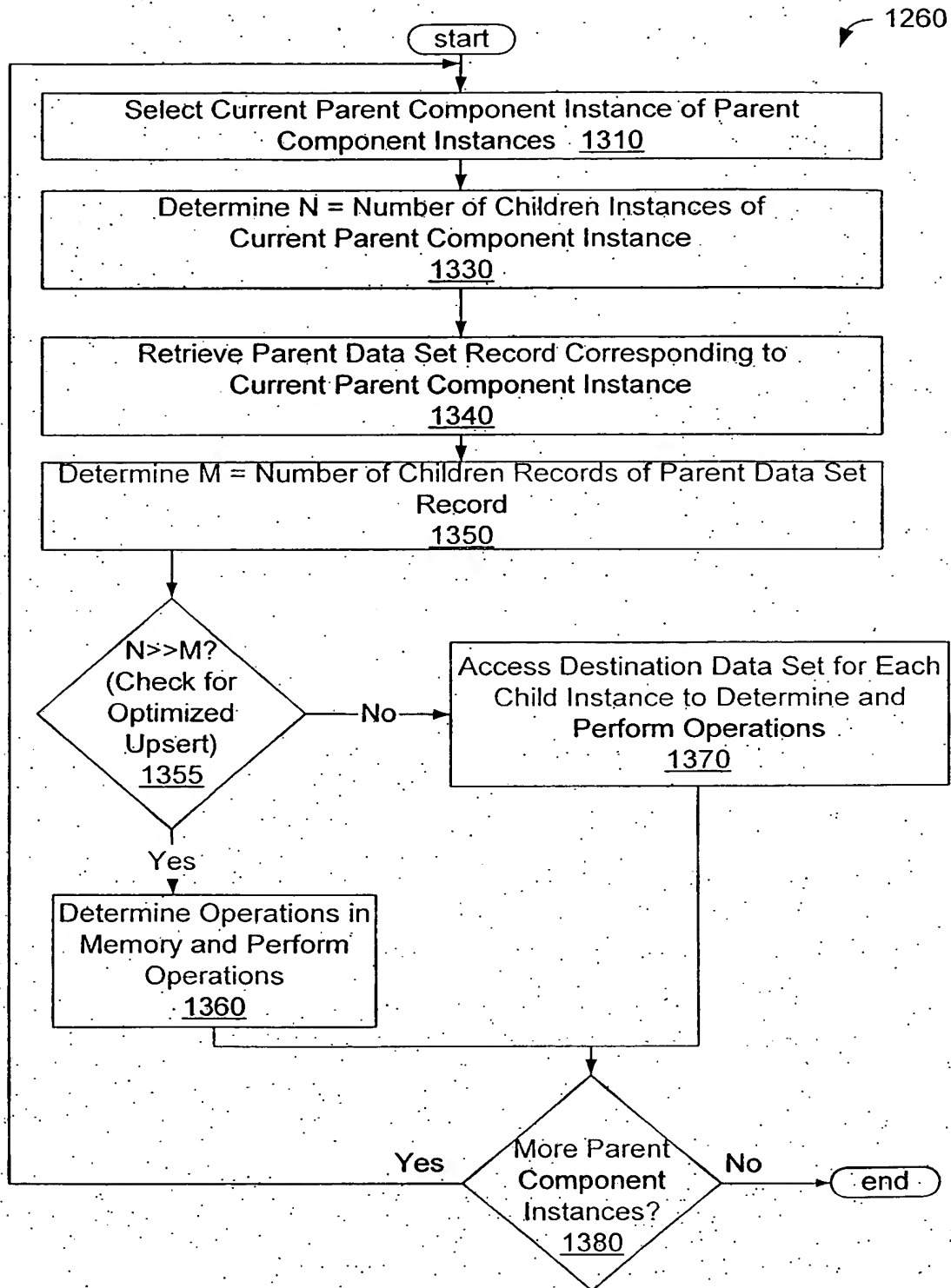
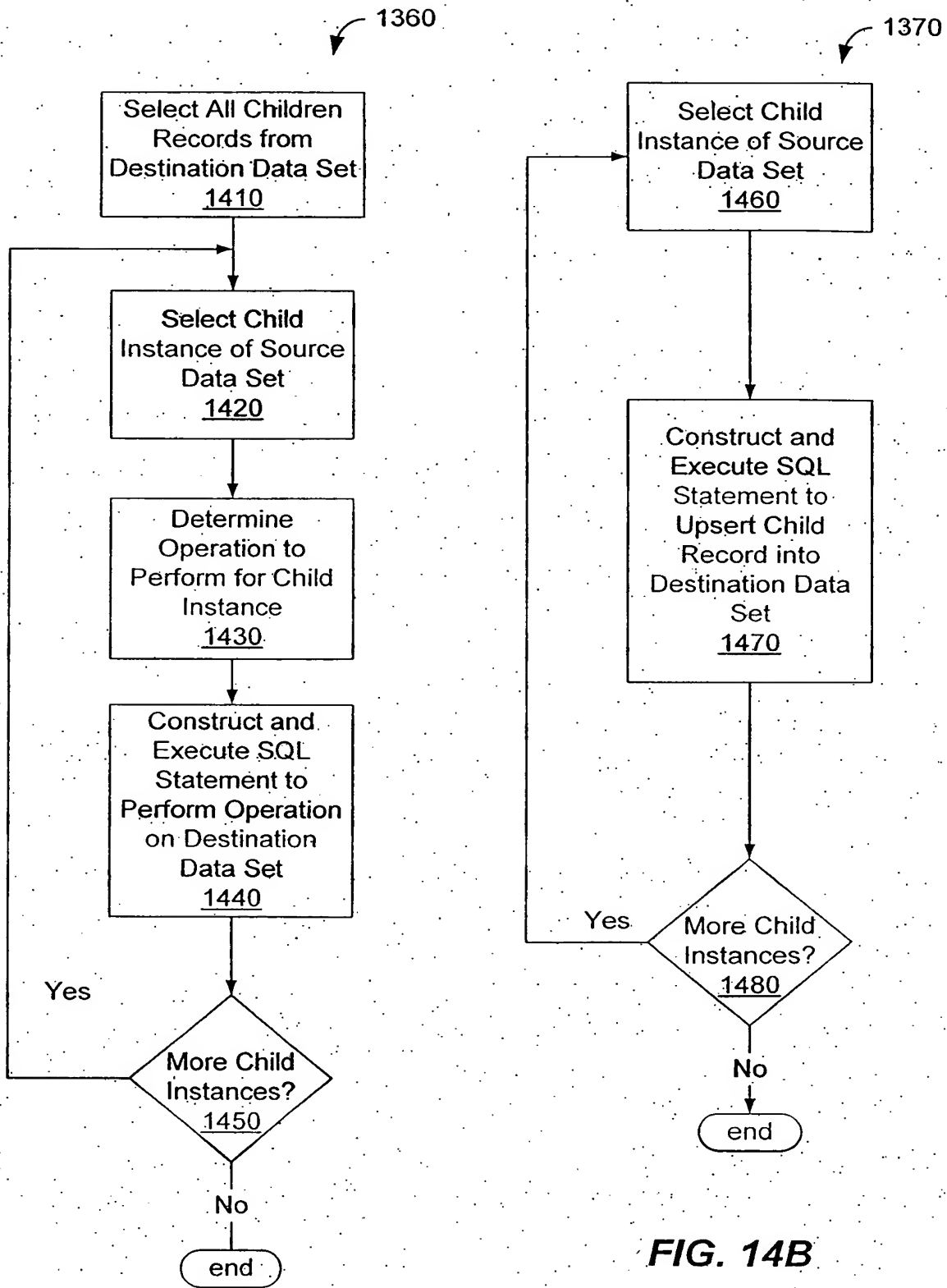
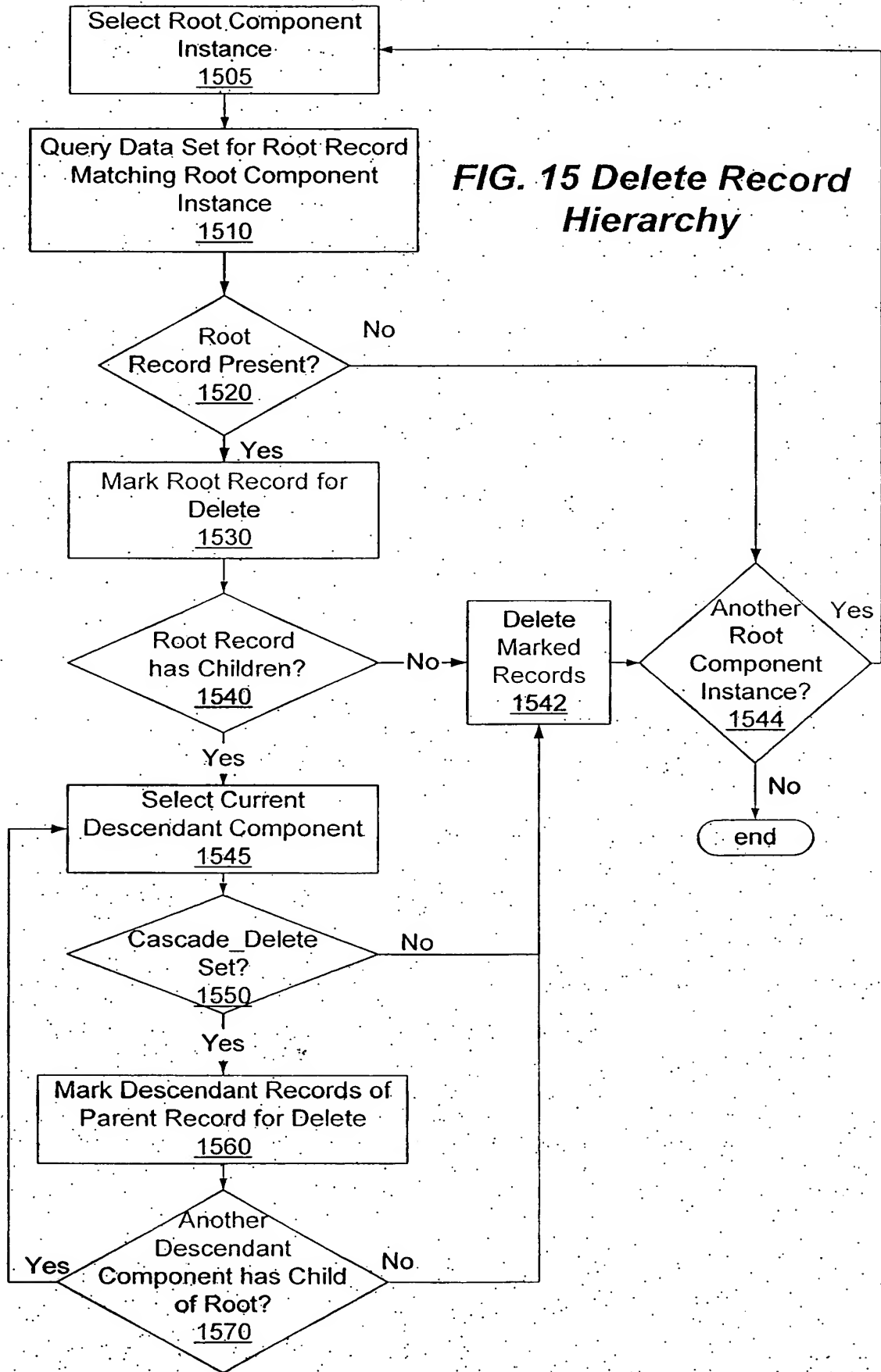


FIG. 13
Check for Optimized Upsert of
Child Component Instances





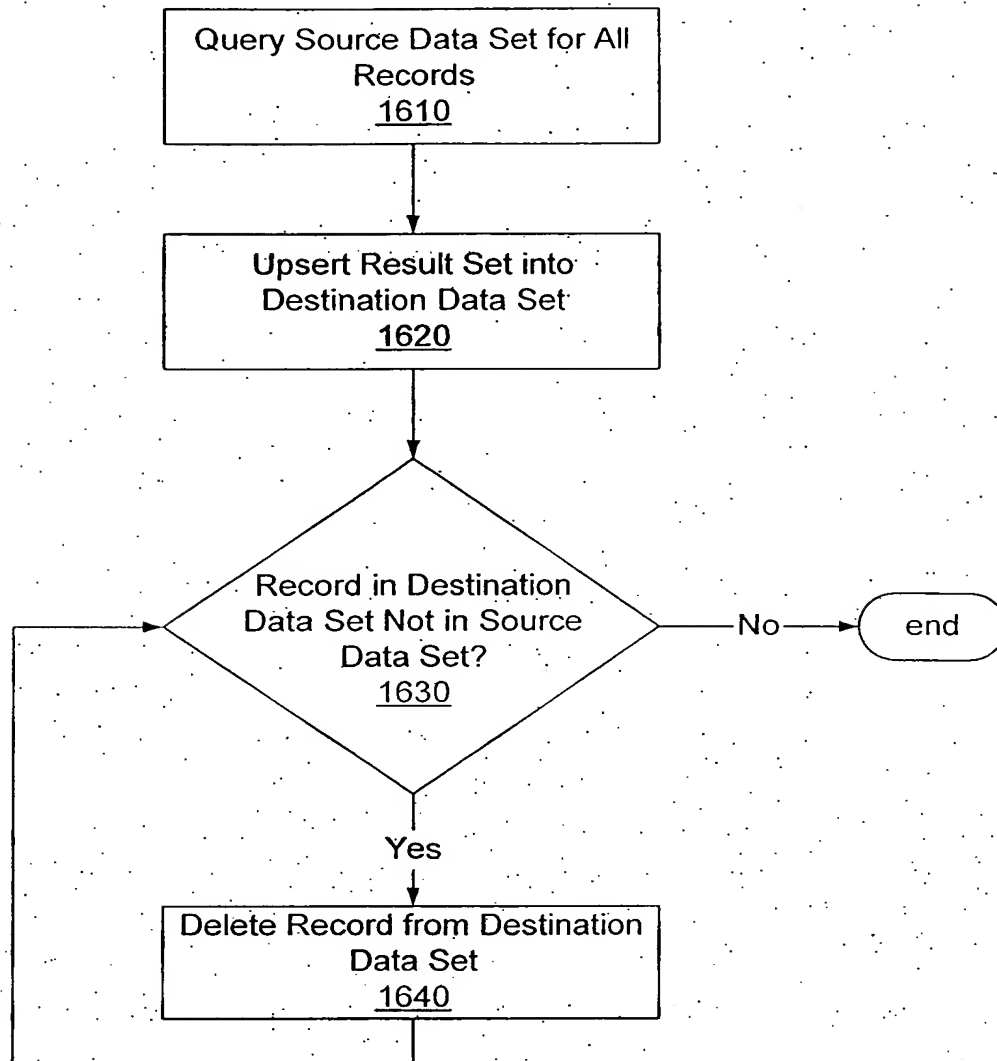
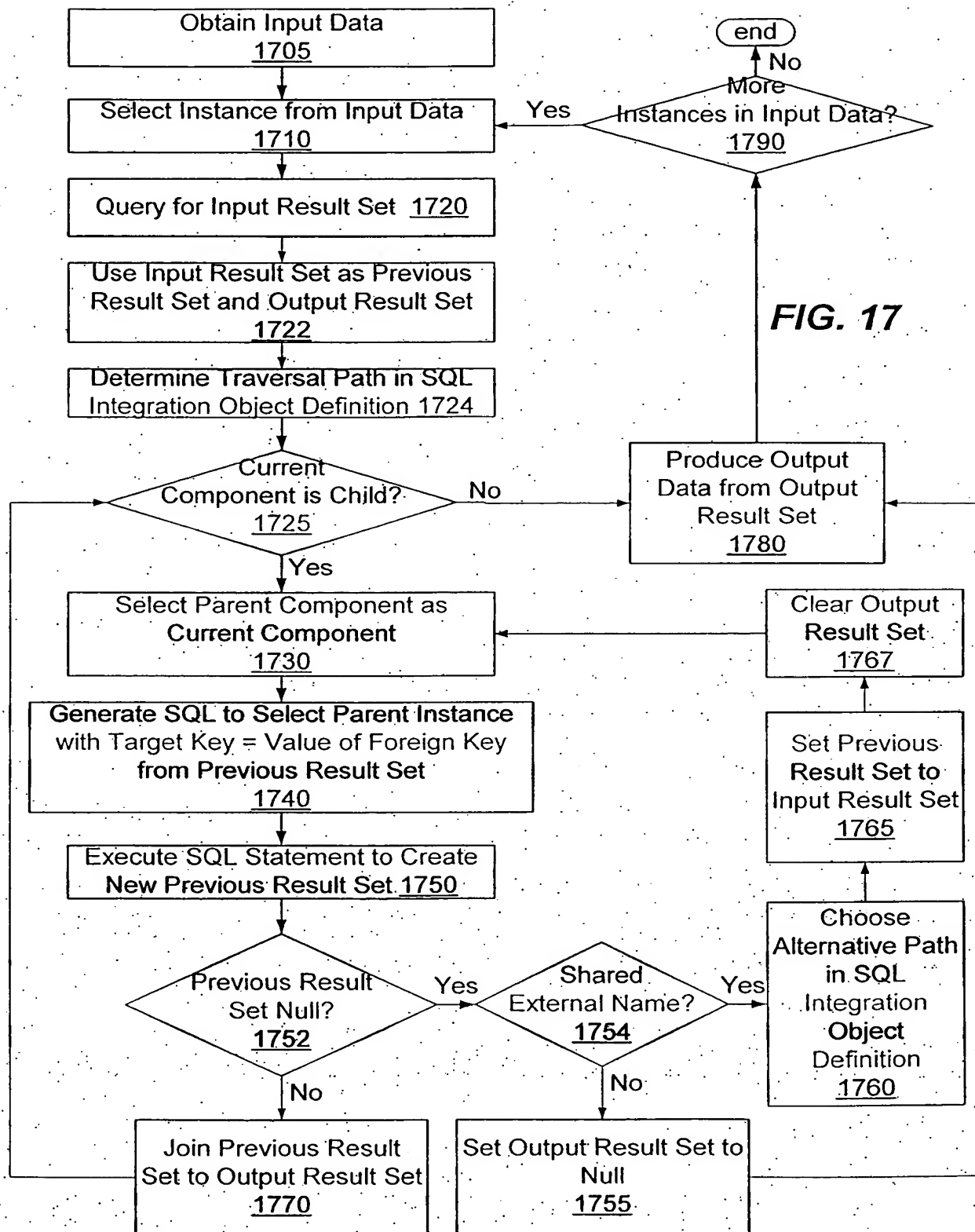
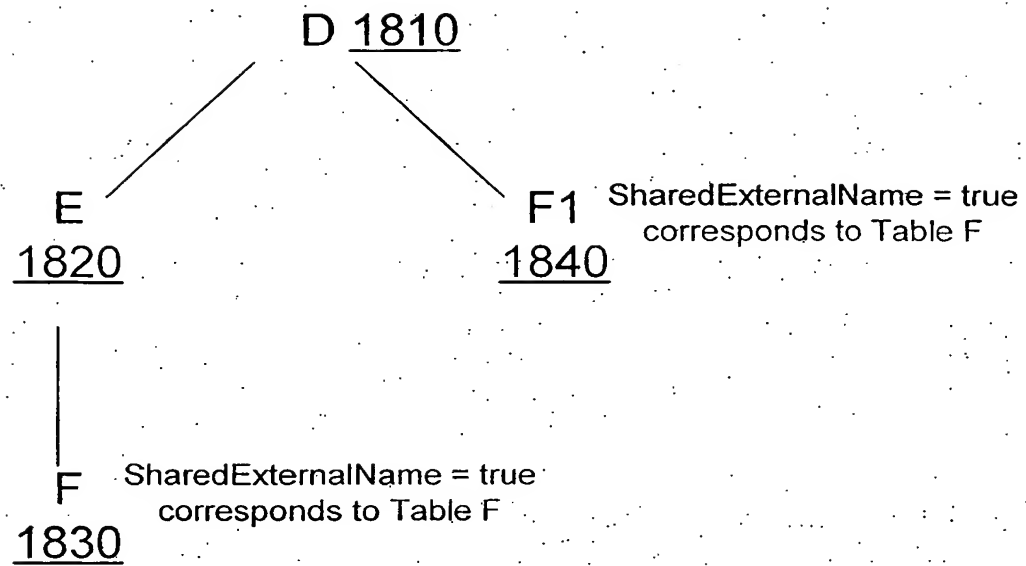


FIG. 16 Synchronize Data Sets





Search Specification: FID = 5

FIG. 18

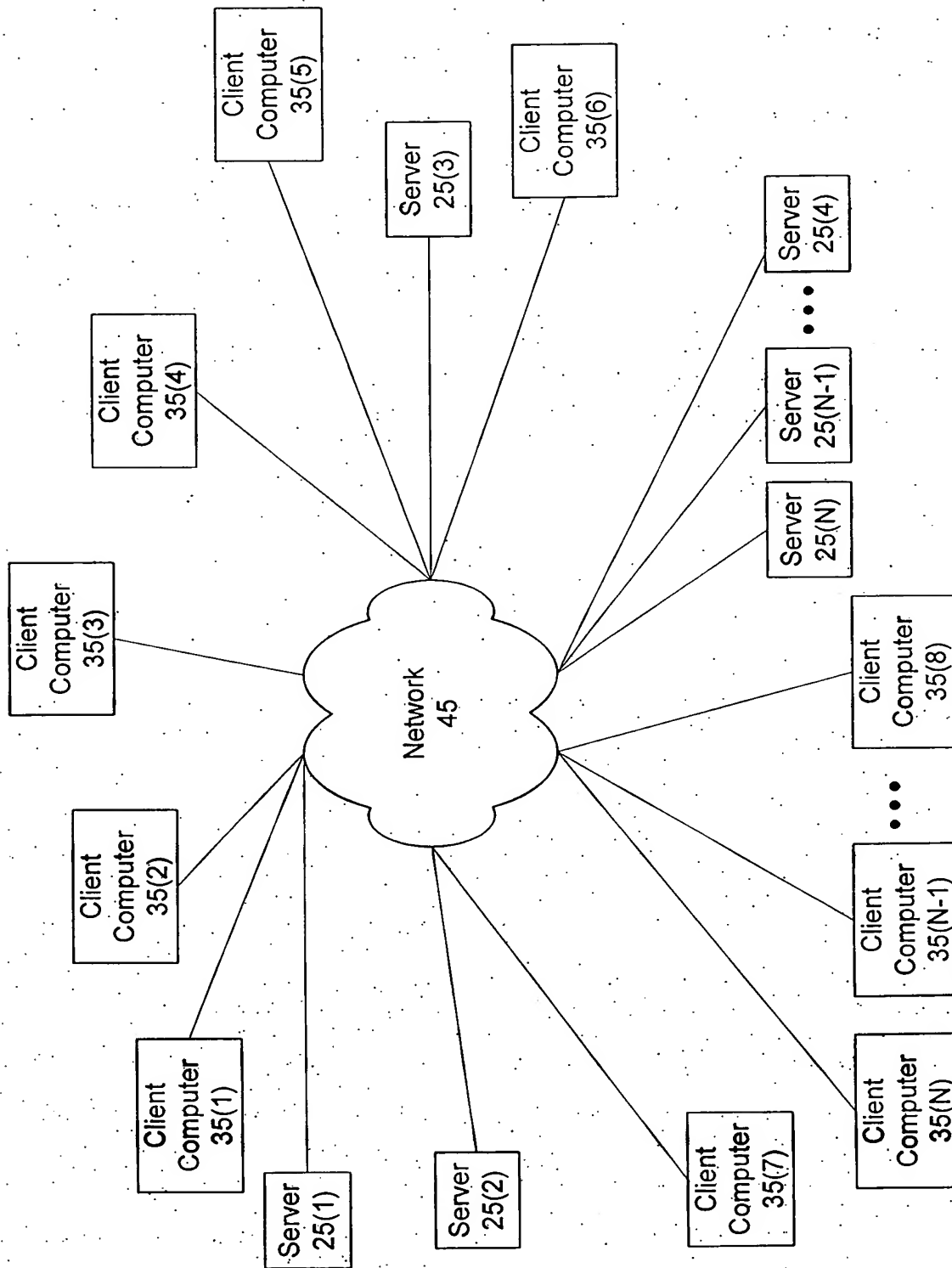


FIG. 19

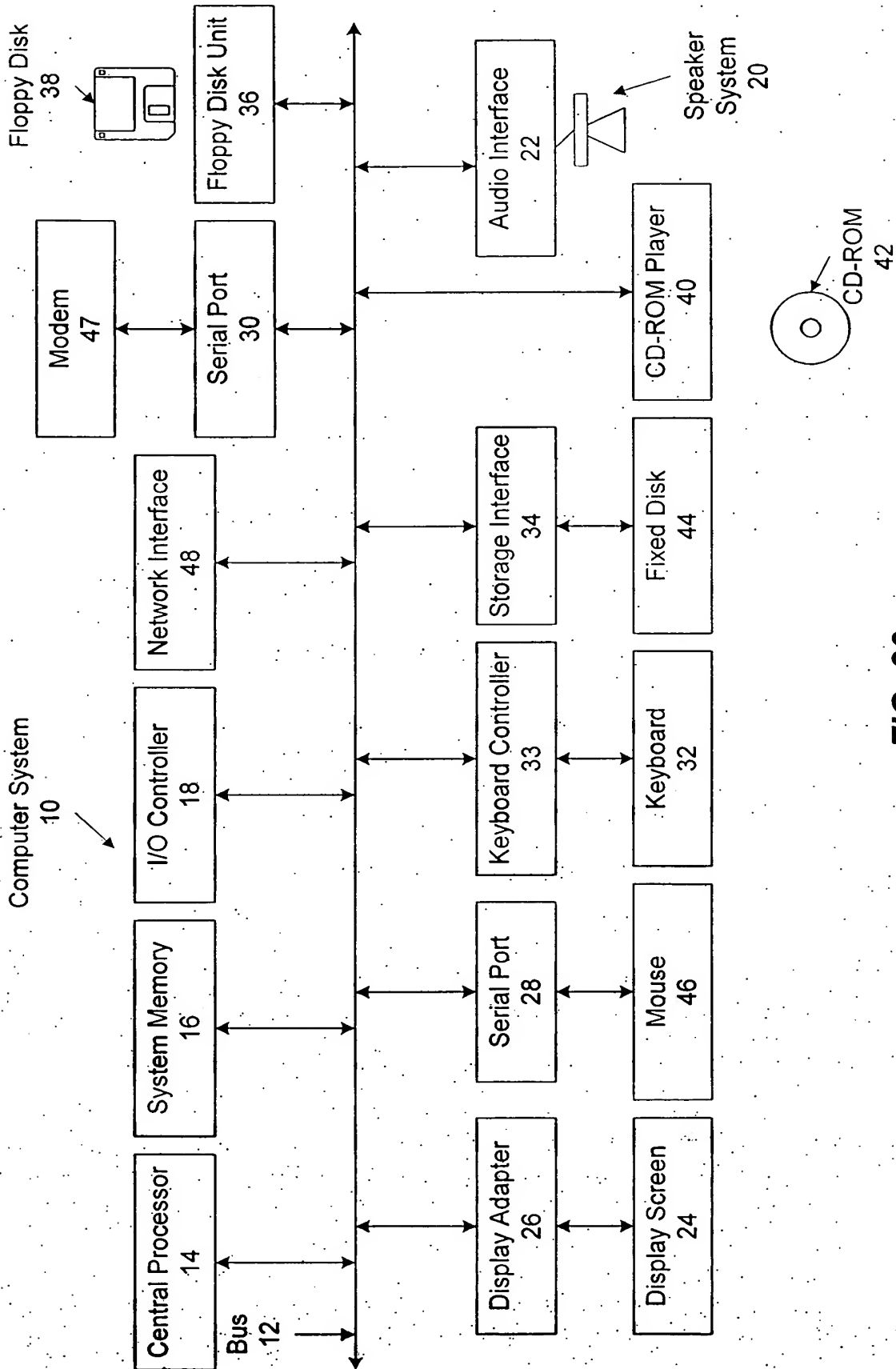


FIG. 20

Attor. Docket No.:
First Named Inventor:
Title:

M-11757 US
Arjun Chandrasekar Iyer
SQL Adapter Business Service

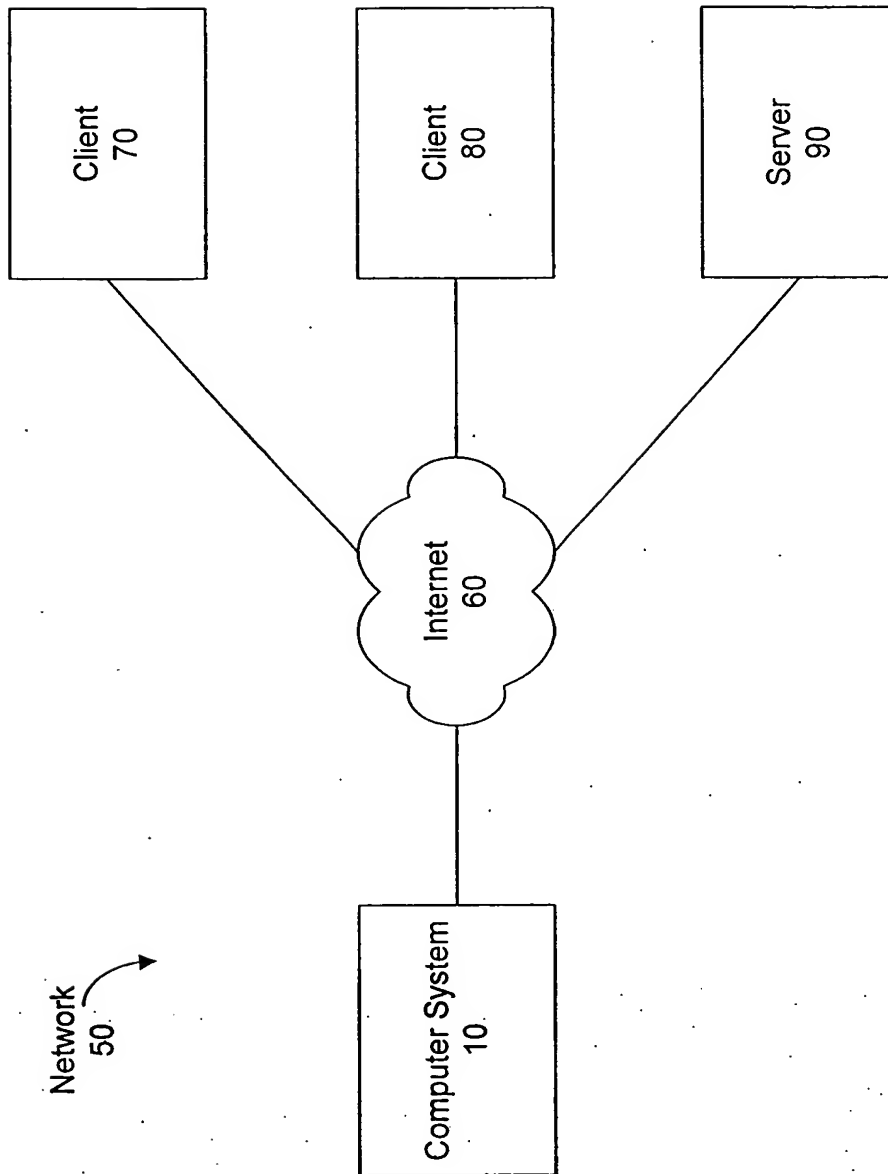


FIG. 21